



COVID-19



WEAR A MASK



STAY 6 FEET APART



AVOID CROWDS



GET A VACCINE

COVID-19 Vaccine Monitoring Systems for Pregnant People

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Pregnant people are at increased risk for severe illness from COVID-19

Pregnant people with COVID-19 are at an increased risk for severe illness from COVID-19—including illness that results in ICU admission, mechanical ventilation, and death—compared with non-pregnant people. Additionally, pregnant people with COVID-19 might be at increased risk for other adverse outcomes, such as preterm birth.

[Learn more about COVID-19 and pregnancy.](#)

Monitoring COVID-19 Vaccine Safety during Pregnancy

If you are pregnant, you might choose to be vaccinated when a vaccine is available to you. Currently, there is no evidence that COVID-19 vaccination causes any problems with pregnancy, including the development of the placenta. However, data are limited about the safety of COVID-19 vaccines for people who are pregnant. Because of this, CDC and the Food and Drug Administration (FDA) have safety monitoring systems in place to capture information about vaccination during pregnancy and will closely monitor that information. [Learn more about COVID-19 vaccination considerations for people who are pregnant or breastfeeding.](#)

- **CDC and FDA: Vaccine Adverse Event Reporting System (VAERS)** [🔗](#) — The national system to which healthcare professionals, vaccine manufacturers, and the public can report possible side effects or health problems that happen after vaccination. Scientists investigate reports of events that are unexpected, appear to happen more often than expected, or have unusual patterns. The [VAERS reporting](#)

[form](#) has a question to identify pregnant people (question 8). CDC clinicians review all pregnancy reports related to COVID-19 vaccinations.

- **CDC: v-safe COVID-19 Vaccine Pregnancy Registry** — A registry to collect additional health information from **v-safe** participants who report being pregnant at the time of vaccination or a positive pregnancy test after vaccination. This information helps CDC monitor the safety of COVID-19 vaccines in people who are pregnant. **V-safe** is a new smartphone-based, after-vaccination health checker for people who receive COVID-19 vaccines. **V-safe** uses text messaging and web surveys from CDC to check in with vaccine recipients following COVID-19 vaccination. **V-safe** also provides second vaccine dose reminders if needed, and telephone follow-up for anyone who reports a symptom or health condition for which they seek medical attention.
- **CDC: Vaccine Safety Datalink (VSD)** — A network of nine integrated healthcare organizations across the United States that monitor and evaluate the safety of vaccines. The system is also used to help determine whether possible side effects identified using VAERS are actually related to vaccination. Through VSD, CDC will study:
 - Weekly counts and rates of COVID-19 vaccination in pregnant people
 - Miscarriage and stillbirth that occurs among people who received COVID-19 vaccine during pregnancy
 - Adverse outcomes in pregnancy following COVID-19 vaccination, including:
 - Pregnancy complications
 - Birth outcomes
 - Infant outcomes for the first year of life (includes infant death, birth defects, and developmental disorders)
- **CDC: Clinical Immunization Safety Assessment (CISA) Project** — A collaboration between CDC and seven medical research centers to provide expert consultation on individual cases of adverse events after vaccination and conduct clinical research studies about vaccine safety. CISA will implement a clinical research study on COVID-19 vaccine safety among pregnant people at three sites. The study will:
 - Enroll pregnant people who plan to receive COVID-19 vaccination; COVID-19 vaccines will be given as part of the study
 - Collect baseline maternal health information, including if they previously had COVID-19
 - Follow people during pregnancy and for three months after delivery
 - Follow infants through their first three months of life
- **CDC: Birth Defects Study to Evaluate Pregnancy Exposures (BD-STEPS)** — This ongoing study collects information, including COVID-19 vaccination information, from people who have recently been pregnant to understand the potential causes of birth defects and how to prevent them.

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Content source: [National Center for Immunization and Respiratory Diseases \(NCIRD\), Division of Viral Diseases](#)